

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): A wireless ~~pointing device~~ mouse for a computer, the wireless ~~pointing device~~ mouse capable of being charged by an induction power device, the induction power device comprising:

5 a base with a flat-plate; and

a first induction coil installed corresponding to a position of the flat-plate for transforming an electrical power of a power source to an induction magnetic field; and

10 the wireless ~~pointing device~~ mouse comprising:

a housing with a contact plane corresponding to the flat-plate;

a control key installed on the housing for generating a control signal corresponding to a user's control;

15 a signal module electrically connected to the control key for transmitting the control signal through radio waves;

a second induction coil installed inside the housing corresponding to a position of the contact plane for receiving the induction magnetic field through the contact plane in a magnetic induction manner, an effective cross-sectional area of the second induction coil being smaller than an effective cross-sectional area of the first induction coil;

20 a power module electrically connected to the second induction coil for transforming the induction magnetic field received by the second induction coil to a corresponding electrical power; and

25 a storage module for storing the electrical power generated by the power module so that the storage module is capable of providing the electrical power to the wireless ~~pointing device~~ mouse;

30 wherein when the contact plane of the wireless ~~pointing device~~ mouse is put on the flat-plate of the induction power device, the second induction coil of the wireless ~~point device~~ mouse

receives the induction magnetic field generated by the first induction coil so that the wireless ~~pointing device~~ mouse is capable of being charged by the induction power device during use.

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Claim 2 (currently amended): The wireless ~~pointing device~~ mouse of claim 1 wherein a first fixer is installed in the induction power device corresponding to the position of the flat-plate, and a second fixer is installed on the contact plane corresponding to the first fixer, and when the contact plane of the wireless ~~pointing device~~ mouse is put on the flat-plate of the induction power device, the first fixer brakes the second fixer so as to fix the position of the wireless ~~pointing device~~ mouse and make the position of the first induction coil align with the position of the second induction coil.

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Claim 3 (currently amended): The wireless ~~pointing device~~ mouse of claim 2 wherein the first fixer is a magnet.

Claim 4 (currently amended): The wireless ~~pointing device~~ mouse of claim 2 wherein the second fixer is a magnet.

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Claim 5 (currently amended): The wireless ~~pointing device~~ mouse of claim 1 being a wireless mouse.

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Claim 6 (currently amended): The wireless ~~pointing device~~ mouse of claim 1 wherein the computer comprises a receiving module for receiving the radio control signal transmitted from the wireless ~~pointing device~~ mouse.

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Claim 7 (withdrawn): A wireless earphone for a broadcast system, the broadcast system emitting a radio broadcast signal, the wireless earphone capable of being charged by an induction power device,

the induction power device comprising:
a base with a flat-plate;
a first induction coil installed corresponding to a position of the
flat-plate for transforming an electrical power of a power
5 source to an induction magnetic field; and
a first fixer installed inside the base;
the wireless earphone comprising:
a housing with a contact plane corresponding to the flat-plate;
a signal module for receiving the radio broadcast signal of the
10 broadcast system and generating corresponding music signal;
a loudspeaker electrically connected to the signal module for
playing the music signal;
a second induction coil installed inside the housing corresponding
to a position of the contact plane for receiving the induction
15 magnetic field through the contact plane in a magnetic
induction manner;
a second fixer installed inside the housing for aligning the first
induction coil with the second induction coil;
a power module electrically connected to the second induction coil
20 for transforming the induction magnetic field received by the
second induction coil to a corresponding electrical power; and
a storage module for storing the electrical power generated by the
power module so that the storage module is capable of
providing the electrical power to the wireless earphone;
25 wherein when the contact plane of the wireless earphone is put on
the flat-plate of the induction power device, the second
induction coil of the wireless earphone receives the induction
magnetic field generated by the first induction coil so that the
wireless earphone is capable of being charged by the
30 induction power device.

Claim 8 (canceled)

Claim 9 (withdrawn): The wireless earphone of claim 7 wherein the first fixer is a magnet.

5 Claim 10 (canceled)

Claim 11 (withdrawn): The wireless earphone of claim 7 further comprising a microphone for receiving speech sound of users and generating a corresponding sound signal.

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Claim 12 (withdrawn): The wireless earphone of claim 11 wherein the signal module is capable of transmitting the sound signal through radio waves, and the broadcast system is capable of receiving the radio sound signal.

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Claim 13 (withdrawn): The wireless earphone of claim 7 being a bluetooth wireless earphone.

20 Claim 14 (currently amended): An ~~electronic device~~ wireless mouse comprising:
a base with a surface;
an induction coil installed corresponding to a position of the surface;
a magnet installed inside the base for aligning the induction coil of
25 the magnetoelectric device with an external induction coil;
and
a housing comprising the external induction coil, the housing having a contact plane corresponding to the surface, the external induction coil having an effective cross-sectional area substantially smaller than an effective cross-sectional
30 area of the induction coil.

Claim 15 (canceled)

Claim 16 (currently amended): The ~~electronic device~~ wireless mouse of claim
14 further comprising a power source coupled to the induction coil
5 for supplying the induction coil with electrical power.

Claim 17 (currently amended): The ~~electronic device~~ wireless mouse of claim
14 further comprising:
a power module electrically connected to the induction coil for
10 transforming an induced magnetic field received by the
induction coil to corresponding electrical power; and
a storage module for storing the electrical power generated by the
power module.

15 Claim 18 (currently amended): The ~~electronic device~~ wireless mouse of claim
14 further comprising:
a control key installed on the housing for generating a control
signal; and
a signal module electrically connected to the control key for
20 transmitting the control signal through radio waves.

Claim 19 (withdrawn): The electronic device of claim 14 further
comprising:
a signal module for receiving radio broadcast signals and
25 generating corresponding audio signals;
a loudspeaker electrically connected to the signal module for
playing the audio signals.

Claim 20 (currently amended): The wireless ~~pointing device~~ mouse of claim
30 1, wherein the contact plane is substantially smaller than the
extents of the ~~flat plate~~ flat plate such that the housing can be
moved across the flat plate.

Claim 21 (currently amended): The wireless ~~pointing device~~ mouse of claim 20, wherein a width of the ~~flat-plane~~ flat-plate is at least twice a width of the contact plane.

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Claim 22 (currently amended): The ~~electronic device~~ wireless mouse of claim 14 further comprising a magnet installed inside the housing at a position corresponding to the magnet installed inside the base.

10 Claim 23 (new): A wireless mouse for a computer, the wireless mouse capable of being charged while in use, the wireless mouse comprising:

a base with a flat-plate;

15 a first induction coil installed corresponding to a position of the flat-plate for transforming an electrical power of a power source to an induction magnetic field;

a housing with a contact plane adapted to be moved across the flat-plate, wherein a width of the contact plane is smaller than half a width of the flat-plate such that the housing can be moved across the flat-plate;

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a second induction coil installed inside the housing corresponding to a position of the contact plane for receiving the induction magnetic field through the contact plane in a magnetic induction manner, an effective cross-sectional area of the second induction coil being substantially smaller than an effective cross-sectional area of the first induction coil; and a power module electrically connected to the second induction coil for transforming the induction magnetic field received by the second induction coil into electrical power;

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30 wherein when the contact plane of the wireless mouse is put on the flat-plate of the induction power device, the second induction coil receives the induction magnetic field generated by the first

induction coil so that components inside the housing are capable of being powered during use.